0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.175)
0-5	Petition	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Japan Patent Office (RO/JP)
0-7	Applicant's or agent's file reference	PH021223
Ī	Title of Invention	ELECTRON TUBE
II	Applicant	
II-1	This person is	applicant only
II-2	Applicant for	all designated States except US
11-4	Name	HAMAMATSU PHOTONICS K.K.
II-5	Address	1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558 Japan
II-6	State of nationality	JP
11-7	State of residence	JP
II-8	Telephone No.	053-584-0200
11-9	Facsimile No.	053-586-8467
II-11	Applicant's registration No. with the Office	000236436

III-1	Applicant and/or Inventor		
III-1 - 1	This person is	applicant and inventor	
III-1-2	Applicant for	US only	
III-1-4	Name (LAST, First)	SUYAMA, Motohiro	
III-1-5	Address	c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558 Japan	
III-1-6	State of nationality	JP	
III-1-7	State of residence	JP	
III-2	Applicant and/or inventor		
III-2-1	This person is	applicant and inventor	
111-2-2	Applicant for	US only	
III-2-4	Name (LAST, First)	KYUSHIMA, Hiroyuki	
III-2-5	Address	c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558 Japan	
111-2-6	State of nationality	JP	
III-2-7	State of residence	JP	
III-3	Applicant and/or inventor		
III-3-1	This person is	applicant and inventor	
III-3-1 III-3-2	This person is Applicant for	applicant and inventor US only	
III-3-2	Applicant for	US only NEGI, Yasuharu c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558	
III-3-2 III-3-4	Applicant for Name (LAST, First)	US only NEGI, Yasuharu c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558 Japan	
III-3-2 III-3-4 III-3-5	Applicant for Name (LAST, First) Address	US only NEGI, Yasuharu c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558	
III-3-2 III-3-4 III-3-5	Applicant for Name (LAST, First) Address State of nationality State of residence	US only NEGI, Yasuharu c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558 Japan JP	
III-3-2 III-3-4 III-3-5 III-3-6 III-3-7	Applicant for Name (LAST, First) Address State of nationality	US only NEGI, Yasuharu c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558 Japan JP JP	
III-3-2 III-3-4 III-3-5 III-3-6 III-3-7	Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or Inventor	US only NEGI, Yasuharu c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558 Japan JP JP applicant and inventor	
III-3-2 III-3-4 III-3-5 III-3-6 III-3-7 III-4	Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or Inventor This person is	US only NEGI, Yasuharu c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558 Japan JP JP	
III-3-2 III-3-4 III-3-5 III-3-6 III-3-7 III-4 III-4-1 III-4-2	Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or Inventor This person is Applicant for	US only NEGI, Yasuharu c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558 Japan JP JP applicant and inventor US only FUKASAWA, Atsuhito c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558	
III-3-2 III-3-4 III-3-5 III-3-6 III-3-7 III-4 III-4-1 III-4-2 III-4-4	Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or Inventor This person is Applicant for Name (LAST, First)	US only NEGI, Yasuharu c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558 Japan JP JP applicant and inventor US only FUKASAWA, Atsuhito c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558 Japan	
III-3-2 III-3-4 III-3-5 III-3-6 III-3-7 III-4-1 III-4-2 III-4-4 III-4-5	Applicant for Name (LAST, First) Address State of nationality State of residence Applicant and/or Inventor This person is Applicant for Name (LAST, First) Address	US only NEGI, Yasuharu c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558 Japan JP JP applicant and inventor US only FUKASAWA, Atsuhito c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558	

III-5	Applicant and/or Inventor			
III-5-1	This person is	applicant and inventor		
III-5-2	Applicant for	US only		
III-5-4	Name (LAST, First)	KAWAI, Yoshihiko		
III-5-5	Address	c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558 Japan		
III-5-6	State of nationality	JP		
III-5-7	State of residence	JP		
III-6	Applicant and/or inventor			
III-6-1	This person is	applicant and inventor		
III-6-2	Applicant for	US only		
III-6-4	Name (LAST, First)	EGAWA, Yasuyuki		
III-6-5	Address	c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558 Japan		
III-6-6	State of nationality	JP		
III-6-7	State of residence	JP		
111-7	Applicant and/or inventor			
III-7-1	This person is	applicant and inventor		
III-7 - 2	Applicant for	US only		
III-7 -4	Name (LAST, First)	UCHIYAMA, Atsushi		
III-7-5	Address	c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 4358558 Japan		
III-7-6	State of nationality	JP		
III-7-7	State of residence	JP		
III-8	Applicant and/or inventor			
III-8-1	This person is	applicant and inventor		
III-8-2	Applicant for	US only		
III-8-4	Name (LAST, First)	KIMURA, Suenori		
III-8-5	Address	c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamatsu-shi, Shizuoka 4358558 Japan		
	la			
III-8-6	State of nationality	JP		

IV-1	Agent or common representative; or address for correspondence		
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent	
IV-1-1	Name (LAST, First)	KOIZUMI, Shin	
IV-1-2	Address	6F, Sigma Yushima Bldg., 37-4, Yushima 3-chome, Bunkyo-ku, Tokyo 1130034 Japan	
IV-1-3	Telephone No.	03-3839-5772	
IV-1-4	Facsimile No.	03-3839-5773	
IV-1-5	e-mail	info@twoks.jp	
IV-1-6	Agent's registration No.	100095946	
IV-2	Additional agent(s)	additional agent(s) with same address as	
IV-2-1	Name(s)	first named agent KITAZAWA, Kazuhiro(100094983); ICHIKAWA, Akiko(100099829)	
V	DESIGNATIONS		
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.		
VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	10 September 2003 (10.09.2003)	
VI-1-2	Number	2003-318244	
VI-1-3	Country	JP	
VI-2	Priority document request		
	The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):	VI-1	
VII-1	International Searching Authority Chosen	Japan Patent Office (ISA/JP)	

VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-	
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty		
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	7	✓
IX-2	Description	30	•
IX-3	Claims	2	V
IX-4	Abstract	1	√
IX-5	Drawings	16	6
IX-7	TOTAL	56	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	≠	V
IX-17	PCT-SAFE physical media	-	✓
IX-19	Figure of the drawings which should accompany the abstract	1	
IX-20	Language of filing of the international application	Japanese	
X-1	Signature of applicant, agent or common representative		
X-1-1	Name (LAST, First)		
X-1-2	Name of signatory		
X-1-3	Capacity		

Paper Copy (NOT for submission)

FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	international Searching Authority	ISA/JP
10-6	Transmittal of search copy delayed until search fee is paid	

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by	
	the international Bureau	